

HEADS-UP DISPLAY FOR PROPELLER-DRIVEN AIRCRAFT**ABSTRACT**

Described is a heads-up display system for an aircraft having a rotating propeller within view of at least one occupant of the aircraft. The heads-up display system comprises a plurality of light-emitting elements disposed on a side of a propeller blade substantially facing at least one

5 occupant of the aircraft. A graphics generator turns one or more of the light-emitting elements on the side of the propeller blade on and off in accordance with the rotation of the propeller to produce a graphical image that appears to at least one occupant of the aircraft to be superimposed on a background. The graphical image can be produced to conform to an object in the background upon which the graphical image is superimposed.